

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method for manufacturing a plasma display panel, comprising ~~the steps of:~~
 - a step for forming barrier ribs on a surface of an insulating substrate in order to separate a plurality of cells from one another;
 - an applying step for applying a phosphor material in the form of paste to each of said cells by covering said surface of said insulating substrate and side surfaces of said ribs with said phosphor material; and inspecting said phosphor material prior to a drying process therefor so as to determine whether an amount of said phosphor material in each of said cells is suitable, excessive or small by radiating visible light onto a surface of said phosphor material and observing a pattern of said phosphor material obtained from visible light reflected from each of said plurality of cells;
 - ~~wherein said determination is performed in accordance with a relationship between various conditions of the phosphor material in a cell after said drying process and various patterns of said phosphor material obtained from said visible light reflected from said phosphor material in the cell before said drying process.~~
 - an inspecting step; and
 - a drying step for drying the phosphor material paste;
 - wherein said inspecting step determines whether or not an amount of said phosphor

material in each of said cells is a suitable amount in accordance with an intensity distribution of reflected light in each of said cells, said reflected light being obtained by radiating visible light onto a surface of said phosphor material before said drying step.

2. (canceled):

3. (previously presented): The method for manufacturing a plasma display panel according to claim 1, wherein said inspecting step further determines whether or not any one of said plurality of cells includes a pinhole or an abnormal substance, and whether or not said phosphor material flows into a cell to which said phosphor material is not yet applied so far.

4. (currently amended): The method for manufacturing a plasma display panel according to claim-2 1, wherein ~~the determining said inspecting step~~ comprises the steps of:
detecting a micro-defect defined as a defect included in any one of said plurality of cells;
and
detecting a macro-defect defined as a defect included in any one of blocks each comprising a plurality of cells.

5. (currently amended): The method for manufacturing a plasma display panel according to claim 1, wherein ~~the said~~ applying step is performed based on a result obtained by ~~an said~~ inspecting step performed for another plasma display panel manufactured before.

6. (currently amended): The method for manufacturing a plasma display panel according to claim 1, wherein said phosphor material includes three kinds of materials emitting different colors, and said three kinds of materials are applied to different cells in first, second and third application steps, respectively, and ~~the inspection~~ said inspecting step is performed in such a manner that after the first application step and before the second application step, one of said three kinds of materials applied in the first application step is inspected, and after the second application step and before the third application step, another one of said three kinds of materials applied in the second application step is inspected with an inspection result of said material applied in the first application step being taken into account, and after the third application step, a last one of said three kinds of materials applied in the third application step is inspected with inspection results of said materials applied in the first and second application steps being taken into account.

7. (canceled):

8. (currently amended): The method for manufacturing a plasma display panel according to claim 1, wherein ~~the said~~ applying step is performed by printing techniques.

9-16. (canceled).